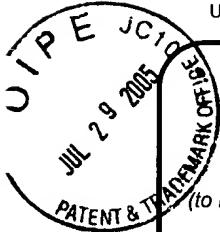


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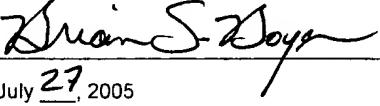
		Application Number	09/955,259
		Filing Date	September 12, 2001
		First Named Inventor	Nestor Annibali
		Group Art Unit	1636
		Examiner Name	D. A. Lambertson
Total Number of Pages in This Submission (excluding references)	9	Attorney Docket Number	52071.4

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Deposit Account 07-1850 Authorization	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
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<input checked="" type="checkbox"/> Information Disclosure Statement (in duplicate) with Form PTO-1449 (2 pgs) citing 35 References	<input type="checkbox"/> Terminal Disclaimer	35 References
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Squire, Sanders & Dempsey L.L.P. Brian S. Boyer, Ph.D. Reg. No. 52,643
Signature	
Date	July 27, 2005

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)

180.00

Complete if Known

Application Number	09/955,259
Filing Date	September 12, 2001
First Named Inventor	Nestor Annibali
Examiner Name	D. A. Lambertson
Art Unit	1623
Attorney Docket No.	52071.4

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Other None
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Deposit Account:

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Charge fee(s) indicated below Credit any overpayments
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FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity
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Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims			
Multiple Dependent	0	X 0	=

Large Entity	Small Entity
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Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid ** Reissue independent claims over original patent
1204	84	2204	42	** Reissue claims in excess of 20 and over original patent
1205	18	2205	9	

SUBTOTAL (2)

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**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	Surcharge - late filing fee or oath	
		1052	50	Surcharge - late provisional filing fee or cover sheet.	
		1053	130	Non-English specification	
		1812	2,520	For filing a request for reexamination	
		1804	920*	Requesting publication of SIR prior to Examiner action	
		1805	1,840*	Requesting publication of SIR after Examiner action	
		1251	110	Extension for reply within first month	
		1252	420	Extension for reply within second month	
		1253	950	Extension for reply within third month	
		1254	1,480	Extension for reply within fourth month	
		1255	2,010	Extension for reply within fifth month	
		1401	330	Notice of Appeal	
		1402	330	Filing a brief in support of an appeal	
		1403	290	Request for oral hearing	
		1451	1,510	Petition to institute a public use proceeding	
		1452	110	Petition to revive – unavoidable	
		1453	1,300	Petition to revive – unintentional	
		1501	1,330	Utility issue fee (or reissue)	
		1502	470	Design issue fee	
		1503	630	Plant issue fee	
		1460	130	Petitions to the Commissioner	
		1807	50	Processing fee under 37 CFR 1.17 (q)	
		1806	180	Submission of Information Disclosure Stmt	180
		8021	40	Recording each patent assignment per property (times number of properties)	
		1809	750	Filing a submission after final rejection (37 CFR § 1.129(a))	
		1810	750	For each additional invention to be examined (37 CFR § 1.129(b))	
		1801	770	Request for Continued Examination (RCE)	
		1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

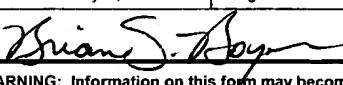
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

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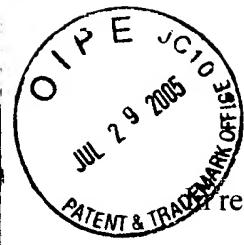
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Name (Print/Type)	Brian S. Boyer, Ph.D.	Registration No. Attorney/Agent)	52,643	Telephone	(415) 954-0200
Signature				Date	July 27 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Examiner: D. A. Lambertson

Nestor Annibali

Serial No. 09/955,259 Art Unit: 1636

Filed: September 12, 2001

Title: EXPRESSION OF A HUMAN INSULIN PRECURSOR IN
P. PASTORIS

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
 PURSUANT TO 37 C.F.R. §§1.97-1.98**

Dear Examiner:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §§1.97-1.98, Applicant hereby notifies the U.S. Patent and Trademark Office of the references listed on the attached Form PTO-1449. Copies of the cited documents have been submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant reserves the right to dispute the listed documents as prior art during examination. Furthermore, Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist. The Examiner is requested to initial the enclosed Form PTO-1449 and return a copy thereof to the undersigned.

08/01/2005 CNGUYEN2 00000022 071850 09955259

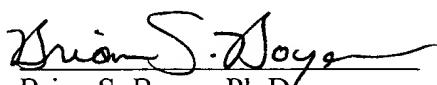
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The present Information Disclosure Statement is being submitted after receiving an Office Action and after three months of the filing date of the above-identified application. Therefore, the fee of \$180.00 as specified in 37 C.F.R. §1.97(c) and 37 C.F.R. §1.17(p) is authorized to be charged to Deposit Account No. 07-1850.

Date: July 27, 2005

SQUIRE, SANDERS & DEMPSEY L.L.P.
One Maritime Plaza, Suite 300
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Telephone (415) 954-0200
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Respectfully submitted,



Brian S. Boyer, Ph.D.
Attorney for Applicant
Reg. No. 52,643

FORM PTO-1449 (Modified) US Patent and Trademark Office		U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE		Docket No. 52071.4	Application No. 09/955,259
INFORMATION DISCLOSURE CITATION in an Application (Use several sheets if necessary)				Applicant Nestor Annibali	
				Filing Date September 12, 2001	Group Art Unit 1636

U.S. PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date if Appropriate
	A1	4,343,898	8/10/82	Markussen			
	A2	4,431,740	2/14/84	Bell et al.			
	A3	4,916,212	4/10/90	Markussen et al.			
	A4	5,460,954	10/24/95	Lee et al.			
	A5	5,618,913	4/8/97	Brange et al.			
	A6	5,663,291	9/2/97	Obermeier et al.			

U.S. PATENT APPLICATION PUBLICATION DOCUMENTS

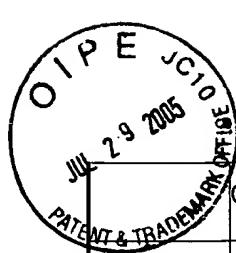
Examiner Initial	Ref. No.	Document Number	Date of Publication	Name	Class	Subclass	Filing Date if Appropriate
	A7						

FOREIGN PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Publication	Country	Class	Subclass	Translation	
							Yes	No
	B1	0 046 979	3/10/82	EPO				
	B2	0 055 945	7/14/82	EPO				
	B3	0 195 691	9/24/86	EPO				
	B4	0 291 863	11/23/88	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

C1	Brange et al., "Monomeric insulins obtained by protein engineering and their medical implications", <i>Nature</i> , vol. 333, pp.679-682, 1988.
C2	Castellanos-Serra et al., "Expression and folding of an interleukin-2-proinsulin fusion protein and its conversion into insulin by a single step enzymatic removal of the C-peptide and the N-terminal fused sequence", <i>FEBS Letters</i> 378, pp. 171-176, 1996.
C3	Cowley et al., "Expression, purification and characterization of recombinant human proinsulin", <i>FEBS Letters</i> 402, pp.124-130, 1997.
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C7	Chang et al., "Human insulin production from a novel mini-proinsulin which has high receptor-binding activity", <i>Biochem. J.</i> 329, pp. 631-635, 1998.



C8	Cregg et al., "Functional Characterization of the Two Alcohol Oxidase Genes from the Yeast <i>Pichia pastoris</i> ", Molecular and Cellular Biology, vol. 9, no.3, pp. 1316-1323, 1989.
C9	Cregg et al., "Recent Advances in the Expression of Foreign Genes in <i>Pichia pastoris</i> ", Bio/Technology vol. 11, pp. 905-910, 1993.
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C11	Frank et al., "The Production of Human Proinsulin and its Transformation to Human Insulin and C-Peptide", Proceedings of the 7 th Am Peptide Chem. Symposium, pp. 729-738, 1981.
C12	Gagnon et al., "Large-Scale Process Development for Hydrophobic Interaction Chromatography, Part 1: Gel Selection and Development of Binding Conditions", Biopharm 8, pp. 21-27, 1995.
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C18	Kroeff et al., "Production Scale Purification of Biosynthetic Human Insulin by Reversed-Phase High-Performance Liquid Chromatography", J. of Chromatography, 461, pp. 45-61, 1989.
C19	Rose et al., "Rapid preparation of human insulin and insulin analogues in high yield by enzyme-assisted semi-synthesis", Biochem. J. 211, pp. 671-676, 1983.
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C24	Wang et al., "Studies on Receptor Binding Site of Insulin: The Hydrophobic B12VAL Can be Substituted by Hydrophilic THR", Biochem. and Molecular Biol. International vol. 39, no. 6 pp.1245-1254, 1996.
C25	Wollmer et al., "Reduction/Reoxidation Studies with Cross-Linked Insulin Derivatives", Hoppe-Seyler's Z. Physiol. Chem. Bd. 355, pp. 1471-1476, 1974.
EXAMINER	DATE CONSIDERED
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